

Before the FCC

in the matter of AM Improvement

Concerning Synchronous Slave Boosters

Comments of Timothy C. Cutforth P.E.

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As I have personally participated in at least two AM synchronous experimental authorizations which I considered to be quite successful I believe it is a shame that the FCC has NOT considered allowing permanent licensed operation of such facilities to provide fill in service in difficult locations. Synchronous operation fills the need to provide high quality service to locations where local conductivity anomalies prevent service or where local high noise levels make service difficult. The use of synchronous operation also can make possible nighttime service over areas where daytime service is easily provided since a nearby signal with simple minimal nondirectional facilities can well serve many thousands of people who are otherwise well outside of the practical night limit of complex higher powered facilities that can be reasonably constructed at sites well away of the community where multiple tower arrays can be approved by zoning.

Synchronous boosters do not fill every need but the public could benefit by making permanent licensed use possible where it is found to meet the need to serve the population in the opinion of the licensee.

With the availability of GPS frequency references and the ability to deliver audio via IP and other new technologies Synchronous operation will be practical at more locations than previous and the operation will be less problematic...and should be approved rather than permanently discontinued.

Respectfully,

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